

ABSTRACT OF THE DISCLOSURE

Some of linear motors which constitute an exposure apparatus have coils each obtained by winding  
5 a copper foil wire as a foil-like conductor having an insulating layer around a core member in a multilayered structure. The coil is fixed to a positioning portion serving as the coil fixing portion of the linear motor by using the core member. The core member is formed  
10 from the same insulating material with low thermal conductivity as that of the positioning portion of a linear motor housing or a material with almost the same linear expansion coefficient.